

Amendments to the Specification:

Please add the following new paragraphs after paragraph [0008.2]:

[0008.3] Fig. 2 shows a frequency range for transmission of data divided into individual frequency bands.

[0008.4] Fig. 3 shows a schematic view of vehicles equipped with radar devices according to an embodiment of the present invention.

Please add the following new paragraph after paragraph [0021]:

[0021.1] Fig. 3 shows a schematic side view of vehicles 10 equipped with radar devices 12.

Each radar device includes a sensor 14 and a transmitter 16 configured to transmit data. Radar devices 12 may simultaneously sense respective surroundings and simultaneously exchange data with the other radar device. Transmitters 16 are configured to simultaneously emit a broadband signal for sensing and a communications data signal. The communications data signal may be in a peripheral region of the broadband signal.